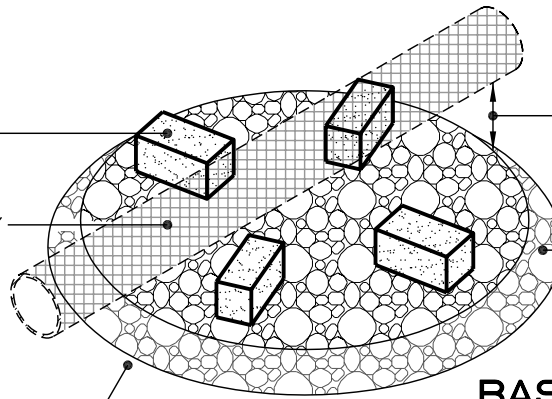


8"x8"x16" SOLID
CONCRETE BLOCK
CENTER W/ RISER
WALL (4 EACH)

EXISTING SANITARY
SEWER PIPE

SEE SPECS FOR
FOUNDATION
IMPROVEMENT
WHEN NEEDED



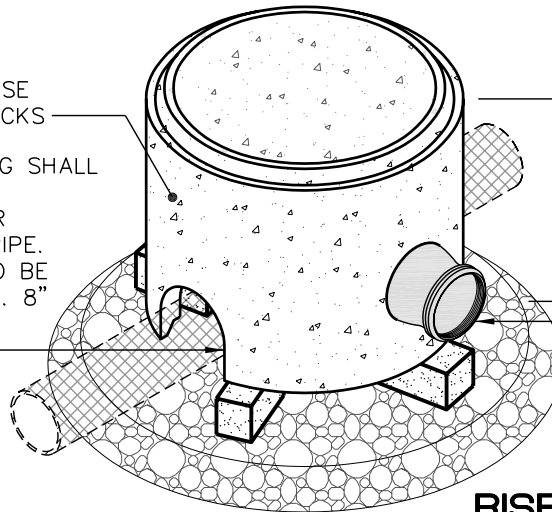
MIN. 8" CLEAR
BETWEEN EXISTING
PIPE AND PROPOSED
STONE

12" THICK VDOT
No. 57 STONE

BASE ISOMETRIC VIEW

SET DOGHOUSE BASE
ON CONCRETE BLOCKS

DOGHOUSE OPENING SHALL
BE PREFORMED BY
MANUFACTURER OR
SAW CUT TO FIT PIPE.
HOLE DIAMETER TO BE
4" MIN. & TO MAX. 8"
LARGER THAN O.D.
OF EXISTING PIPE.



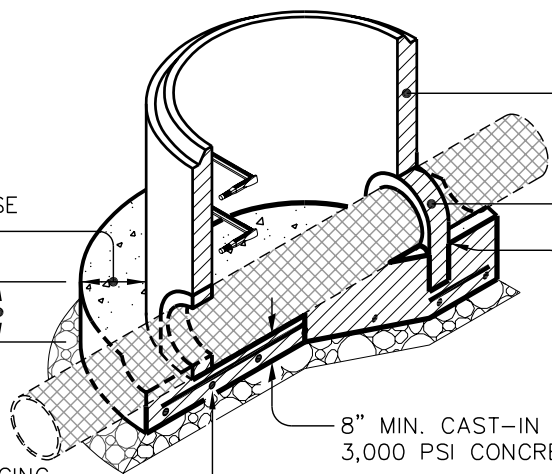
3'-0" to 4'-0"
DOGHOUSE BASE

SEE PLANS FOR
PROPOSED INVERT(S)
LOCATION & ELEVATION

RISER ISOMETRIC VIEW

ALLOW CONCRETE
TO FLOW A MIN.
1'-0" BEYOND BASE
OF STRUCTURE

1'-0" MIN.
BEYOND BASE



REINFORCING PER
PRECAST MANUFACTURER
TO MEET ASTM C-478

FILL DOGHOUSE OPENING
AROUND EXISTING PIPE
WITH 3,000 PSI CONCRETE

CONTRACTOR TO APPLY
WATER PROOFING
SEALANT AT JOINT (TYP.)

8" MIN. CAST-IN PLACE
3,000 PSI CONCRETE BASE

#4 STEEL REINFORCING
12" O.C. EACH WAY

FOUNDATION SECTION VIEW



Department of Utilities
10455 Armstrong Street
Fairfax, VA 22030-3630

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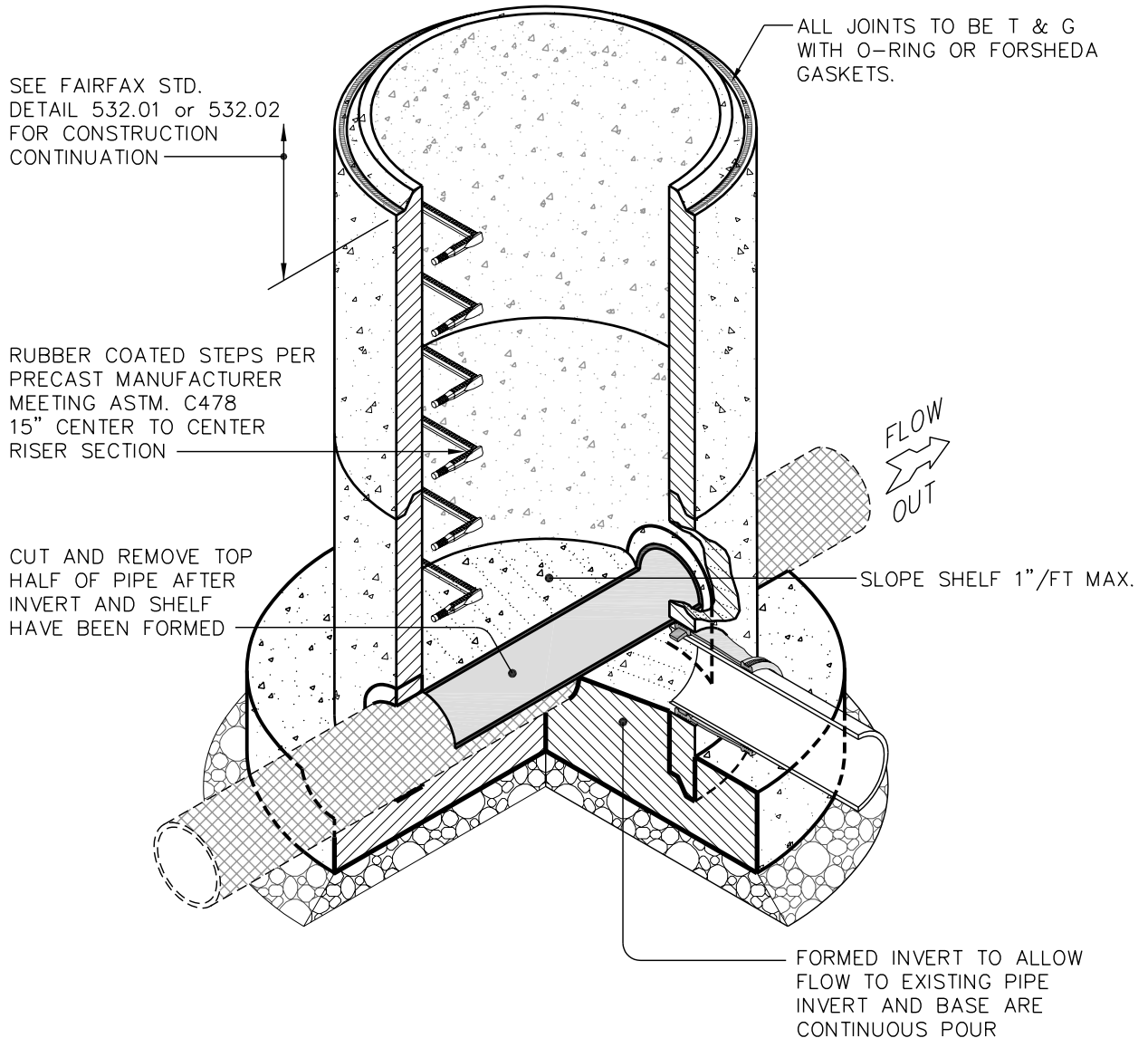
PRECAST CONCRETE DOGHOUSE MANHOLE

SCALE:
Not To Scale

REVISION DATE:
July, 2005

DETAIL #
2532.04

SHEET #:
1 of 2



INVERT SECTION VIEW

NOTES:

1. All service laterals into manhole to be core drilled and booted.
2. See detail 532.07 for manhole base larger than 4' diameter.



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PRECAST CONCRETE DOGHOUSE MANHOLE

SCALE:
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REVISION DATE:
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DETAIL #
2 **532.04**

SHEET #:
2 of 2